

Report

A two day (6.3.14-7.3.14) workshop on **Landfill-2014** was organized by Civil Engineering Department, IIT Delhi .

06.03.14

Lead lectures:

1. Landfills and MSW Management Scenario in India – Dr. A B Akolkar, Member• Secretary, CPCB
2. Some Recent Case Studies of Landfill Design, Construction and Closure –• Prof. Manoj Datta, IIT Delhi
3. Hazard Rating System for MSW Dumps/Landfills – Prof. A K Nema, IIT Delhi• & Dr. R K Singh, HUDCO

Information and Presentations from Municipal Corporations & Pollution Control Boards

1. 5-million plus population cities- Delhi; Mumbai; Chennai; Calcutta; Ahmedabad; Pune
2. 2 to 5 million population cities- Indore; Coimbatore; Jaipur

Invited and Industry Presentations

Case Study: Gorai Landfill

Case Study: Secured landfill for Hazardous Waste

Case Study: Remediation/Closure of on-site Landfill Case Study: Ankleshwar Landfill

Case Study: Assessment of Groundwater Contamination Potential of Five Landfills in India

Invited Talk: Slope Failure and Erosion Control

Invited Talk: Bangalore Landfill Design Measures: Relevance of MSW Characterization Other case studies

Invited Talk: Strategies for Waste Dumps of Allahabad

Expert Opinion (from participants) on Hazard Rating Model – Set1

Panel Discussion 1: Critical Implementation / Design Issues

07.03.2014

Information and Presentations from Municipal Corporations & Pollution Control Boards

1 to 2 million population cities- Vijayawada; Thrissur; Vasai-Virar; Gwalior; Ludhiana; Amritsar; Jodhpur;

Nashik; Vadodara; Durg; Faridabad; Malappuram; Tiruchirapalli

Invited and Industry Presentations

Case Study: Coimbatore Dumps/Landfills

Case Study: Madurai Dumps

Case Study: Remediation Alternatives for HW Dump Sites Other Case Studies

Case Study: Slope Protection for landfills: Ghazipur Landfill

Case Study: Dhapa Landfill

Case Study: Critical Design Aspects: Shivalik and Kochi Landfills

Presentations:

Spatial Variability Modeling of Geotechnical Properties of MSW and its Implication in Landfill Design

The Virtues of a Sanitary Landfill Site (10 min)

Expert Opinion (from participants) on Hazard Rating Model – Set2

Panel Discussion 2: Recoverables from Landfills

Invited Speakers

Prof P V Sivapullaiah, IISc Bangalore,

A.Ghosh, Central Building Research Institute, Roorkee

Dr. Sunil Kumar, NEERI, Nagpur

Prof. R.K. Srivastava, MNNIT, Allahabad

Dr R. K. Singh, Hudco

Industry Speakers

Jaydeep Sathaye, ERM Pvt. Ltd., Delhi

Padmanabhan Girinathannair, ERM Pvt. Ltd.

Kamlesh Parikh, UPLEEL, Vadodara Manoj Patel, Bharuch Enviro Infrastructure,

Ankleshwar Narendra Dalmia, Strata Geosystems (India) P Ltd, Mumbai

Shahrokh Bagli, Strata Geosystems (India) P Ltd, Mumbai

Annapoorni, Maccaferri Environmental Solutions Private Limited

Mr Goutham, Ramky Enviro Engineers Limited, Hyderabad

Dr. K.Srinivas, Ramky Enviro Engineers Limited

Er G. M. Tendulkar, Eco Design, Pune Presentations from COWI and Kadam

Participating Speakers

Dr.T.Meenambal, Government College of Technology, Coimbatore

Dr. Amit Srivastava, Northern India Engineering College

Asit Nema, Foundation for Greentech Environmental Systems